

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	6140704
<b>Application Number:</b>	10809538
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	6148
<b>Title of Invention:</b>	Interference and noise estimation in an OFDM system
<b>First Named Inventor/Applicant Name:</b>	Arak Sutivong
<b>Customer Number:</b>	23696
<b>Filer:</b>	Jeffrey D. Jacobs/Diane Epstein
<b>Filer Authorized By:</b>	Jeffrey D. Jacobs
<b>Attorney Docket Number:</b>	030226
<b>Receipt Date:</b>	24-SEP-2009
<b>Filing Date:</b>	24-MAR-2004
<b>Time Stamp:</b>	16:46:57
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$810
RAM confirmation Number	2946
Deposit Account	170026
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

## File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		030226_2009-24-09_AMD.pdf	226190 2f54e12671760c1392933d9e6002f04906efdbcc	yes	18
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Amendment After Final		1	2	
	Claims		3	10	
	Applicant Arguments/Remarks Made in an Amendment		11	18	
Warnings:					
The page size in the PDF is too large. The pages should be 8.5 x 11 or A4. If this PDF is submitted, the pages will be resized upon entry into the Image File Wrapper and may affect subsequent processing					
Information:					
2	Request for Continued Examination (RCE)	030226_2009-24-09_RCE.pdf	380405 ccc71afd2f8a99849999200b8c820db9013e95b6	no	2
Warnings:					
This is not a USPTO supplied RCE SB30 form.					
The page size in the PDF is too large. The pages should be 8.5 x 11 or A4. If this PDF is submitted, the pages will be resized upon entry into the Image File Wrapper and may affect subsequent processing					
Information:					
3	Fee Worksheet (PTO-875)	fee-info.pdf	30149 35fb3dbfcd2faf3c73f295360d999a3b8efd6ce1	no	2
Warnings:					
Information:					
Total Files Size (in bytes):			636744		

**This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.**

**New Applications Under 35 U.S.C. 111**

**If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.**

**National Stage of an International Application under 35 U.S.C. 371**

**If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.**

**New International Application Filed with the USPTO as a Receiving Office**

**If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.**